

“(1) 6 Members of the Senate, appointed by the President pro tempore of the Senate, 3 from

the majority party and 3 from the minority party;

“(2) 6 Members of the House or Representatives appointed by the Speaker of the House of

Representatives, 3 from the majority party and 3 from the minority party; and

“(3) the Director, who shall not be a voting member.

“SEC. 708. REPORT TO CONGRESS.

“The Service shall submit to the Congress an annual report which shall include, but not be

limited to, an evaluation of technology assessment techniques and identification, insofar as may be

feasible, of technological areas and programs requiring future analysis. The annual report shall be

submitted not later than March 15 of each year.

“SEC. 709. AUTHORIZATION OF APPROPRIATIONS.

“There are authorized to be appropriated to the Service such sums as are necessary to fulfill

the requirements of this title.”.

TITLE XVII – STUDIES

SEC. 1701. REGULATORY REVIEWS .

(a) REGULATORY REVIEWS.— Not later than one year after the date of enactment of this

section and every five years thereafter, each Federal agency shall review relevant regulations and

standards to identify—

(1) existing regulations and standards that act as barriers to—

(A) market entry for emerging energy technologies (including fuel cells, combined heat and power, distributed power generation, and small-scale renewable energy), and

(B) market development and expansion for existing energy technologies (including combined heat and power, small-scale renewable energy, and energy recovery in industrial processes), and

(2) actions the agency is taking or could take to—

(A) remove barriers to market entry for emerging energy technologies and to market expansion for existing technologies,

(B) increase energy efficiency and conservation, or

(C) encourage the use of new and existing processes to meet energy and environmental goals.

(b) REPORT TO CONGRESS.— Not later than 18 months after the date of enactment of this section, and every five years thereafter, the Director of the Office of Science and Technology Policy shall report to the Congress on the results of the agency reviews conducted under subsection (a).

(c) CONTENTS OF THE REPORT.— The report shall—

(1) identify all regulatory barriers to—

(A) the development and commercialization of emerging energy technologies and processes, and

(B) the further development and expansion of existing energy conservation technologies and processes,

(2) actions taken, or proposed to be taken, to remove such barriers, and

(3) recommendations for changes in laws or regulations that may be needed to—

(A) expedite the siting and development of energy production and distribution facilities,

(B) encourage the adoption of energy efficiency and process improvements,

(C) facilitate the expanded use of existing energy conservation technologies, and

(D) reduce the environmental impacts of energy facilities and processes through transparent and flexible compliance methods.

SEC. 1702. ASSESSMENT OF DEPENDENCE OF HAWAII ON OIL.

(a) STUDY.— Not later than 60 days after the enactment of this Act, the Secretary of Energy shall initiate a study that assesses the economic risk posed by the dependence of Hawaii on oil as the principal source of energy.

(b) SCOPE OF THE STUDY.— The Secretary shall assess—

(1) the short- and long-term threats to the economy of Hawaii posed by insecure supply and volatile prices;

(2) the impact on availability and cost of refined petroleum products if oil-fired electric generation is displaced by other sources;

(3) the feasibility of increasing the contribution of renewable sources to the overall energy requirements of Hawaii; and

(4) the feasibility of using liquid natural gas as a source of energy to supplement oil.

(c) REPORT.— Not later than 300 days after the date of enactment of this section, the Secretary shall prepare, in consultation with appropriate agencies of the State of Hawaii, industry representatives, and citizen groups, and shall submit to Congress a report detailing the Secretary’s findings, conclusions, and recommendations. The report shall include—

(1) a detailed analysis of the availability, economics, infrastructure needs, and recommendations to increase the contribution of renewable energy sources to the overall energy requirements of Hawaii; and

(2) a detailed analysis of the use of liquid natural gas, including—

(A) the availability of supply,

(B) economics,

(C) environmental and safety considerations,

(D) technical limitations,

(E) infrastructure and transportation requirements,

(F) siting and facility configurations, including—

(i) onshore and offshore alternatives, and

(ii) environmental and safety considerations of both onshore and offshore alternatives.

1 (c) AUTHORIZATION OF APPROPRIATIONS.— There are authorized to be appropriated

2 to the Secretary of Energy such sums as may be necessary to carry out the purposes of this section.

3 **SEC. 1703. STUDY OF SITING AN ELECTRIC TRANSMISSION SYSTEM ON**
4 **AMTRAK RIGHT-OF-WAY.**

5 (a) STUDY.— The Secretary of Energy shall contract with Amtrak to conduct a study of the
6 feasibility of building and operating a new electric transmission system on the Amtrak right-of-way
7 in the Northeast Corridor.

8 (b) SCOPE OF THE STUDY.— The study shall focus on siting the new system on the
9 Amtrak right-of-way within the Northeastern Corridor between Washington, D.C., and New
10 Rochelle, New York, including the Amtrak right-of-way between Philadelphia, Pennsylvania and
11 Harrisburg, Pennsylvania.

12 (c) CONTENTS OF THE STUDY.— The study shall consider—

13 (1) alternative geographic configuration of a new electronic transmission system on
14 the Amtrak right-of-way;

15 (2) alternative technologies for the system;

16 (3) the estimated costs of building and operating each alternative;

17 (4) alternative means of financing the system;

18 (5) the environmental risks and benefits of building and operating each alternative
19 as well as environmental risks and benefits of building and operating the system on the
20 Northeast Corridor rather than at other locations;

(6) engineering and technological obstacles to building and operating each alternative; and

(7) the extent to which each alternative would enhance the reliability of the electric transmission grid and enhance competition in the sale of electric energy at wholesale within the Northeast Corridor.

(d) RECOMMENDATIONS.— The study shall recommend the optimal geographic configuration, the optimal technology, the optimal engineering design, and the optimal means of financing for the new system from among the alternatives considered.

(e) REPORT.— The Secretary of Energy shall submit the completed study to the Committee on Energy and Natural Resources of the United States Senate and the Committee on Energy and Commerce of the House of Representatives not later than 270 days after the date of enactment of this section.

(f) DEFINITIONS.— For purposes of this section—

(1) the term “Amtrak” means the National Railroad Passenger Corporation established under chapter 243 of title 49, United States Code; and

(2) the term “Northeast Corridor” shall have the meaning given such term under section 24102(7) of title 49, United States Code.

DIVISION G – ENERGY INFRASTRUCTURE SECURITY

TITLE XVIII – CRITICAL ENERGY INFRASTRUCTURE